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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 04-53 UPDATED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
215 PM EST FRI JAN 7 2005

TO: SUBSCRIBERS:
-FAMILY OF SERVICES /FOS/
-NOAA WEATHER WIRE SERVICE /NWS/
-EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
-NOAAPORT
OTHER NWS CUSTOMERS...PARTNERS AND EMPLOYEES

FROM: PAUL HIRSCHBERG
CHIEF...SCIENCE PLANS BRANCH
OFFICE OF SCIENCE AND TECHNOLOGY

SUBJECT: UPDATED: ADDITION OF NEW SHORT-RANGE GFS-BASED MOS BUFR
PRODUCTS...EFFECTIVE FEBRUARY 8 2005

UPDATED TO REFINE EFFECTIVE DATE FROM LATE JANUARY 2005 TO FEBRUARY 8
2005.

NOTE: THE FOLLOWING CHANGES HAVE NO IMPACT ON NOAA WEATHER WIRE
SUBSCRIBERS.

ATTENTION USERS OF THE MODEL OUTPUT STATISTICS /MOS/ GUIDANCE:

ON TUESDAY...FEBRUARY 8 2005...NWS WILL PRODUCE NEW GFS-BASED BINARY
UNIVERSAL FORM FOR THE REPRESENTATION OF METEOROLOGICAL DATA /BUFR/
PRODUCTS CONTAINING MOS GUIDANCE FOR 6 TO 84 HOURS FROM THE
0000...0600...1200 AND 1800 COORDINATED UNIVERSAL TIME /UTC/ MODEL RUNS.
THESE NEW BUFR PRODUCTS WILL CONTAIN ADDITIONAL STATIONS AND AN ENHANCED
SET OF ELEMENTS...INCLUDING REDEFINED CATEGORIES FOR CEILING HEIGHT...SKY
COVER AND VISIBILITY GUIDANCE.

THE NEW COMMUNICATION IDENTIFIERS FOR THESE PRODUCTS ARE SHOWN IN TABLE 1.
THE PRODUCTS WILL BE AVAILABLE FROM THE NWS TELECOMMUNICATIONS
GATEWAY...THE NWS FILE TRANSFER PROTOCOL /FTP/ SERVER /TGFTP/ AND THE
METEOROLOGICAL DEVELOPMENT LABORATORY /MDL/ WEBPAGES. REFERENCED BELOW IS
A WEBPAGE PROVIDING MORE INFORMATION ON PROJECTIONS AND ELEMENTS FOR WHICH
GUIDANCE IS AVAILABLE. THESE PRODUCTS EVENTUALLY WILL REPLACE EXISTING
GFS-BASED MOS BUFR PRODUCTS. NWS WILL PROVIDE AN OVERLAP OF AT LEAST NINE
MONTHS TO ALLOW TIME TO TRANSITION TO THE NEW PRODUCTS. NOTIFICATION WILL
BE SENT BEFORE OLD PRODUCTS ARE REMOVED.

TABLE 1: COMMUNICATION IDENTIFIERS FOR THE SHORT-RANGE GFS-BASED MOS BUFR PRODUCTS

WMO HEADING	REGION
JSML30 KWNO	PACIFIC REGION
JSML31 KWNO	NORTHEAST CONTIGUOUS U.S. /CONUS/
JSML32 KWNO	SOUTHEAST CONUS
JSML33 KWNO	NORTH CENTRAL CONUS
JSML34 KWNO	SOUTH CENTRAL CONUS
JSML35 KWNO	ROCKY MOUNTAIN CONUS
JSML36 KWNO	WEST COAST CONUS
JSML37 KWNO	ALASKA

A WEBPAGE OUTLINING THE ELEMENTS AND PROJECTIONS AVAILABLE IN THE GFS-BASED BUFR PRODUCTS ALONG WITH THE ASSOCIATED BUFR TABLE B CAN BE FOUND ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/MDL/SYNOP/BUFR.HTML](http://www.nws.noaa.gov/mdl/synop/bufr.html)

A LIST OF ALL SITES IN THE BUFR PRODUCTS AND A MAP OF THE REGIONS CAN BE FOUND ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/MDL/SYNOP/STADRG.HTML](http://www.nws.noaa.gov/mdl/synop/stadrg.html)

IF YOU HAVE ANY QUESTIONS ABOUT THESE CHANGES TO THE MOS GUIDANCE SYSTEM...PLEASE CONTACT:

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LINKS TO THE MOS PRODUCTS...ALONG WITH DESCRIPTIONS...CAN BE FOUND AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/MDL/SYNOP/PRODUCTS.SHTML](http://www.nws.noaa.gov/mdl/synop/products.shtml)

NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATIONS/ARCHIVE](https://www.weather.gov/notifications/archive)

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